11445

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Key West, Fla. WXJ-95 162.40 MHz

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
(A)Accurate location; o(Approximate location)

INTRACOASTAL WATERWAY

Project Depths

The Intracoastal Waterway project depth is 12 feet from Norfolk, Virginia to Ft. Pierce, Florida, thence 10 feet to Miami, and thence 7 feet to Cross Bank in Florida Bay. The authorized Federal project extension from Cross Bank (Florida Bay) to Key West has not been improved. Controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances

The waterway and suggested routes from Key West leading to the Intracoastal Waterway in Florida Bay are indicated by magenta lines. Mileage distances shown along the waterway and routes are in statute miles southward from Norfolk, Virginia and indicated thus:

Tables for converting Statute Miles to international Nautical Miles are given on U.S. Coast Pilots 4 and 5. Courses are TRUE and must be CORRECTED for any variation and compass deviation.

Mercator Projection
Scale 1:40,000 at Lat. 24°38'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 and 5 for important supplemental information.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

TIDAL INFORMATION

Place Name (LAT/LONG)	Height referred to datum of soundings (MLLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Bahia Honda Key (24°39'N/81°17'W)	1.6	1.4	0.2	-1.5
Cudjoe Key (Bridge) (24°40'N/81°31'W)	1.4	1.2	0.2	-1.5

(1992)

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

FLORIDA

INTRACOASTAL WATERWAY

BAHIA HONDA KEY TO SUGARLOAF KEY

Formerly C&GS 853. 1st Corrected Ed. Apr. 1969. KAPP 326.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.72" northward and 0.68" eastward to agree with this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

HEIGHTS

Heights in feet above Mean High Water.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

For Symbols and Abbreviations see Chart No. 1

COLREGS (IRPCAS) (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4 & 5, Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Fla.
Refer to charted regulation section numbers.

CAUTION

Temporary changes in, or defects in, aids to navigation are not indicated on this chart. See Notice to Mariners.

OVERHEAD POWER CABLES

Overhead power cables over and/or in U.S. Highway No. 1. All clearances are greater than those of the charted fixed bridges.

FIXED BRIDGES

The bridges between Little Duck Key and Bahia Honda Key are 4 series of fixed bridges.
HOR CL 14 FT VERT CL 7 FT

NOTE B

Extensive shoaling has been reported in the marked channel through the Keys from Big Spanish Channel to Key West. Mariners should use local knowledge when navigating this waterway.

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1 Panels Q, R

SIDE A

LOOKS SIDE B ON REVERSE SIDE

LOGARITHMIC SPEED SCALE

To find SPEED: place one point of dividers on distance run in any units and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in miles per hour. Example: with 4 (nautical miles) run in 15 minutes, the speed is 16 knots.

25th Ed., Aug. 11/90 ■

11445

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

CHANNEL MARKERS

Reflectors on daybeacons and buoys along the Intracoastal Waterway are green on the left-hand and red on the right-hand side when proceeding southward.

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

(Bahia Honda Key to Sugarloaf Key)

SOUNDINGS IN FEET - SCALE 1:40,000

11445

C55:418/7: 11445/990

11445

Formerly C&GS 864, 1st Combined Ed., Apr. 1959 KAPP 330

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel Q

(CONTINUED ON CHART 11439)

(CONTINUED ON CHART 11442)

(LIONS CHART 11448)

SCALE 1:40,000
NAUTICAL MILES
STATUTE MILES
YARDS
LATITUDE
LONGITUDE

INTRACOASTAL WATERWAY
Project Depths
The intracoastal Waterway project depth is 12 feet from Norfolk, Virginia to Ft. Pierce, Florida; thence 10 feet to Miami; and thence 7 feet to Cross Bank in Florida Bay. The authorized Federal project extension from Cross Bank (Florida Bay) to Key West has not been improved. Controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances
The waterway and suggested routes from Key West leading to the Intracoastal Waterway in Florida Bay are indicated by magenta lines. Mileage distances shown along the waterway and routes are in statute miles, southward from Norfolk, Virginia and indicated thus: ——

Tables for converting Statute Miles to international Nautical Miles are given in U.S. Coast Pilots 4 and 5. Courses are TRUE and must be CORRECTED for any variation and compass deviation.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilots 4 & 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Fla.
Refer to charted regulation section numbers.

NOTE C
Numerous submerged piles have been reported in this area.

WIRE DRAGGED AREAS
The green dotted areas have been swept clear to the least depth indicated by the green numbers thus: (20)

Obstr
Fish Haven
(with min depth 20 ft)

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Key West, Fla.	WXJ-95	162.40 MHz

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

LOGARITHMIC SPEED SCALE
5 6 7 8 9 10 15 20 25 30 40 50 60
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

CAUTION
Overhead power cables run parallel to U.S. Highway No. 1. All clearances are greater than those of the charted fixed bridges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

KEY WEST MAIN SHIP CHANNEL
The project depth is 34.32 feet. For controlling depths see chart 11441 or 11447.

NOTE B
Extensive shoaling has been reported in the marked channel through the Keys from Big Spanish Channel to Key West Mariners should use local knowledge when navigating this waterway.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)				
Name (LAT./LONG.)	Mean High Water	Higher High Water	Mean Low Water	Lower Low Water	Extreme Low Water
	feet	feet	feet	feet	feet
Bird Key (24°35'N/81°36'W)	+1.1	0.9	0.1		-1.5
Channel Key (24°33'N/81°44'W)	1.3	1.0	0.1		-1.5
Key West (24°33'N/81°48'W)	1.8	1.6	0.2		-1.5

(1256) COLREGS, 80 740 (see note A)
International Regulations for Preventing Collisions at Sea, 1972
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

FLORIDA

INTRACOASTAL WATERWAY

SUGARLOAF KEY TO KEY WEST

Mercator Projection
Scale 1:40,000 at Lat. 24°31'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM
The horizontal reference (datum) of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.521" northward and 0.685" eastward to agree with this chart.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 4 and 5 for important supplemental information.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation

HEIGHTS
Heights in feet above Mean High Water

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Only marine radiobeacons have been controlled for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
○ Accurate locations ○ Approximate locations

NOTE E
The daybeacons are privately maintained and positions are approximate.

RESTRICTED AREA
334.610 (see note A)

ANCHORAGE FOR EXPLOSIVES
110 (see note A)

KEY WEST NATIONAL WILDLIFE REFUGE (protected area)

GREAT WHITE HERON NATIONAL WILDLIFE REFUGE (protected area)

Johnston Key Channel
Johnston Key
Marvin Key
Turkey Basin
Galvin Key
Mallory Key
Happy Jack Key
Mud Keys
Jewfish Basin
Walls Key Basin
Squirrel Key
Snipe Keys
Dreguss Key
Inner Narrows
Walls Key
Whitting Key
Old Finds Bight
Upper Sugarloaf Sound
Lower Sugarloaf Sound
Sugarloaf Key
Saddlebunch Keys
Saddlebunch Harbor
Similar Sound
Round Key
Duck Key
Halfmoon Key
O'Hara Key
Big Coppitt
Boca Chica Key
KEY WEST
Key West International Airport
Stock Island
Rockland Key
East Rockland Key
Annemo Key
Big Harper Key
Harper Key
Channel Key
Long Key
Greasy Keys
Cows Key
Bay Keys
West Harbor Key
Lower Harbor Keys
Cape Aqua
Old Dan Mangrove
Fish Haven Key
Calda Bank
Pearl Basin
Pearl Canal
Archer Key
Main Key
Lake Passage
Crawfish Key
Middle Ground
Eastern Dry Rocks
Western Dry Rocks
Western Head
Western Sambo
Middle Sambo
Eastern Sambo
Pelican Shoal
American Shoal
Maryland Shoal
West Washerwoman
Nearfoot Shoal
HAWK CHANNEL
SOUTHWEST CHANNEL
NORTHWEST CHANNEL
MAIN SHIP CHANNEL
Boca Chica Channel
Stock Island Channel
Garrison Bight Channel
Key West Harbor
Pearl Canal
Fleming Key
Trumbo Point
Naval Station
Truman Annex
Seaplane Basin
Coast Guard Base
Key West Bight
Outer Mole
Inner Mole
Mallory Square
Pier B
Pier A
Caroline St.
Simonton St.
Whitehead St.
Duval St.
Front St.
Eaton St.
Angela St.
Flagler Ave.
Roosevelt Blvd.
Palm Ave.
Fleming St.
Truman Ave.
White St.
Division St.
Packer Ave.
Atlantic Blvd.
Key West Cemetery
Old Town
Higgs Beach
Smathers Beach
Casa Marina
Reynolds Channel
Sigsbee Park
Fort Taylor
Fort Zachary Taylor
Southard St.
Windsor Lane
Peary Court
Shrimp Basin
Tank
Water Tower
Lighthouse
Radio Tower
Aero Rot. W & G Tower
Aero Rot. Beacon
Ra Ref Navy mast
Obstr
Wreck
Rock
Fish haven
Submerged pile
Submerged piles
Submerged pipeline
Submerged power cable
Overhead power cable
Overhead pipeline
Pipeline
Fish trap
Fish stakes
Fish weir
Fish haven
Dolphin
Platform (in ruins)
Platform
Tower
Tank
Water Tower
Lighthouse
Radio Tower
Aero Rot. W & G Tower
Aero Rot. Beacon
Ra Ref Navy mast
Obstr
Wreck
Rock
Fish haven
Submerged pile
Submerged piles
Submerged pipeline
Submerged power cable
Overhead power cable
Overhead pipeline
Pipeline
Fish trap
Fish stakes
Fish weir
Fish haven
Dolphin
Platform (in ruins)
Platform

(CONTINUED ON CHART 11445)
(CONTINUED ON CHART 11442)
(CONTINUED ON CHART 11442)

25th Ed. Aug. 11/90
11445

CAUTION
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SOUNDINGS IN FEET

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Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

CHANNEL MARKERS
Reflectors on daybeacons and buoys along the Intracoastal Waterway are green on the left-hand and red on the right-hand side when proceeding southwestward.

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17												
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102												
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

(Sugarloaf Key to Key West)
SOUNDINGS IN FEET - SCALE 1:40,000

11445

SIDE B

DMA STOCK NO. 11445